

02-20 # 9



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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,145

DATE: 02/28/2002

TIME: 12:11:04

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3 <110> APPLICANT: Feder, John N.
4   Mintier, Gabe
5   Kinney, Gene G
6   Ramanathan, Chandra S
8 <120> TITLE OF INVENTION: NOVEL IMIDAZOLINE RECEPTOR HOMOLOGS
10 <130> FILE REFERENCE: D0020 NP
12 <140> CURRENT APPLICATION NUMBER: US 09/932,145
13 <141> CURRENT FILING DATE: 2001-08-17
15 <160> NUMBER OF SEQ ID NOS: 11
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145 35 40 45
147 Leu Gln Gln Leu Asn His Val Phe Glu Leu His Leu Gly Pro Trp Gly
148 50 55 60
150 Pro Gly Gln Thr Gly Phe Val Ala Leu Pro Ser His Pro Ala Asp Ser
151 65 70 75 80
153 Pro Val Ile Leu Gln Leu Gln Phe Leu Phe Asp Val Leu Gln Lys Thr
154 85 90 95
156 Leu Ser Leu Lys Leu Val His Val Ala Gly Pro Gly Pro Thr Gly Pro
157 100 105 110
159 Ile Lys Ile Phe Pro Phe Lys Ser Leu Arg His Leu Glu Leu Arg Gly
160 115 120 125
162 Val Pro Leu His Cys Leu His Gly Leu Arg Gly Ile Tyr Ser Gln Leu
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172          180          185          190
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175          195          200          205
177 Val Gln Asp Cys Gln Gly Phe Leu Met Asp Leu Cys Glu Leu His His
178          210          215          220
180 Leu Asp Ile Ser Tyr Asn Arg Leu His Leu Val Pro Arg Met Gly Pro
181 225          230          235          240
183 Ser Gly Ala Ala Leu Gly Val Leu Ile Leu Arg Gly Asn Glu Leu Arg
184          245          250          255
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187          260          265          270
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190          275          280          285
192 Leu Ala Glu Leu Arg Lys Leu Tyr Leu Glu Gly Asn Pro Leu Trp Phe
193          290          295          300
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196 305          310          315          320
198 Arg Asp Ala Ala Thr Gly Phe Leu Leu Asp Gly Lys Val Leu Ser Leu
199          325          330          335
201 Thr Asp Phe Gln Thr His Thr Ser Leu Gly Leu Ser Pro Met Gly Pro
202          340          345          350
204 Pro Leu Pro Trp Pro Val Gly Ser Thr Pro Glu Thr Ser Gly Gly Pro
205          355          360          365
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208          370          375          380
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217          420          425          430
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220          435          440          445
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223          450          455          460
225 Ser Ala Pro Pro Ala Ser Ser Gln Gly Pro Asp Thr Ala Pro Arg Pro
226 465          470          475          480
228 Ser Pro Pro Gln Glu Glu Ala Arg Gly Pro Gln Glu Ser Pro Gln Lys
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232          500          505          510
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235          515          520          525
237 Glu Glu Ala Gly Glu Glu Glu Glu Glu Glu Gln Asp Gln Lys Glu Val
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243 Glu Gly Ile Arg Gly Arg Glu Cys Phe Leu Arg Val Thr Ser Ala His
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247 580 585 590
249 Leu Gln Ser Leu Glu Ala Ala Glu Ile Glu Pro Glu Ala Gln Ala Gln
250 595 600 605
252 Arg Ser Pro Arg Pro Thr Gly Ser Asp Leu Leu Pro Gly Ala Pro Ile
253 610 615 620
255 Leu Ser Leu Arg Phe Ser Tyr Ile Cys Pro Asp Arg Gln Leu Arg Arg
256 625 630 635 640
258 Tyr Leu Val Leu Glu Pro Asp Ala His Ala Ala Val Gln Glu Leu Leu
259 645 650 655
261 Ala Val Leu Thr Pro Val Thr Asn Val Ala Arg Glu Gln Leu Gly Glu
262 660 665 670
264 Ala Arg Asp Leu Leu Leu Gly Arg Phe Gln Cys Leu Arg Cys Gly His
265 675 680 685
267 Glu Phe Lys Pro Glu Glu Pro Arg Met Gly Leu Asp Ser Glu Glu Gly
268 690 695 700
270 Trp Arg Pro Leu Phe Gln Lys Thr Gly Ser Gly Asn Arg Glu Ser Ser
271 705 710 715 720
273 Leu Trp Leu Leu Leu Arg Leu Pro Ala Leu Ser Ala Thr Leu Leu Ala
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280 755 760 765
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VERIFICATION SUMMARY

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